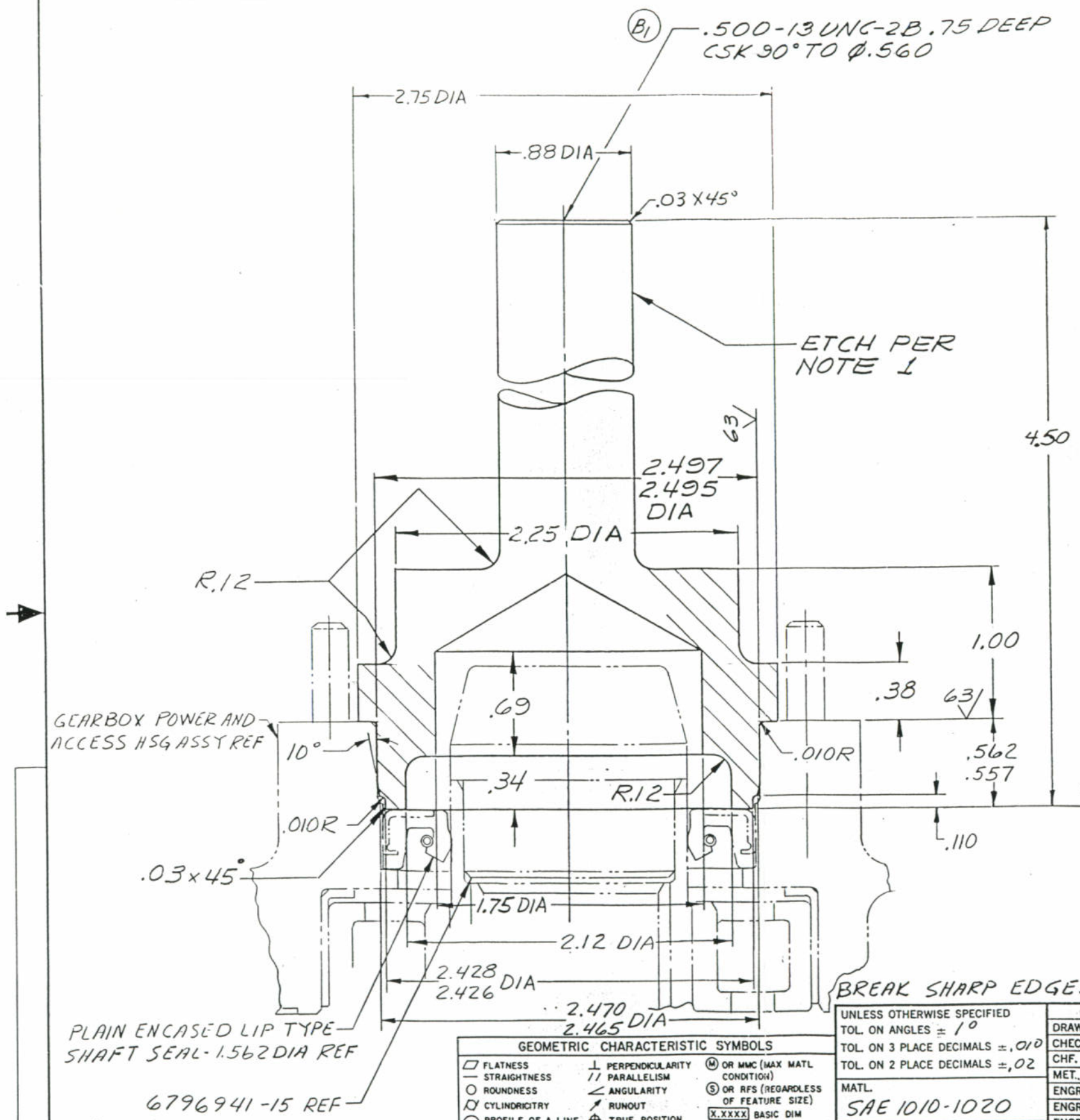
REVISIONS				
MICRO-FILMED	LTR	DESCRIPTION	DATE	APPROVED
X	A	(1) REV PER CHG NOTICE GB	5-24-76	ET4272 GB
X	B	(1) ADDED TAPPED HOLE HH	79-3-26	ATL-4446

These tool drawings are furnished in accord with the terms of the DDA Tools Release Agreement. The aperture cards or drawings are to be maintained in the custody of the recipient and shall not be disclosed to any third party without specific written consent of Detroit Diesel Allison Division of GMC.



NOTES:

1. MARK AS SPECIFIED IN LOCATION SHOWN WITH 1/8-3/16 HIGH FIGURES THE FOLLOWING:
   a) THE NAME "ALLISON" FOLLOWED BY THE TOOL NUMBER AND LAST CHANGE LETTER.
   b) VENDOR NAME OR TRADEMARK.
2. BLACK OXIDE PER AMS 2485

BREAK SHARP EDGES .020 UOS

FILE COPY

A1

USED ON ENGINE MODELS 250 SERIES

GEOMETRIC CHARACTERISTIC SYMBOLS

FLATNESS	PERPENDICULARITY	(M) OR MMC (MAX MATL CONDITION)
STRAIGHTNESS	PARALLELISM	(S) OR RFS (REGARDLESS OF FEATURE SIZE)
ROUNDNESS	ANGULARITY	X.XXX BASIC DIM
CYLINDRICITY	RUNOUT	Ø DIAMETER
PROFILE OF A LINE	TRUE POSITION	-A- DATUM IDENT
PROFILE OF A SURFACE	CONCENTRICITY	
	SYMMETRY	

UNLESS OTHERWISE SPECIFIED:
ALL TRUE POSITION TOLERANCES AND RELATED DATUMS MMC.
ALL OTHER FORM AND POSITIONAL TOLERANCES AND RELATED DATUMS RFS.
SEPARATE TRUE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCE.
RUNOUTS ARE CIRCULAR.

UNLESS OTHERWISE SPECIFIED
TOL. ON ANGLES ± 1°
TOL. ON 3 PLACE DECIMALS ± .010
TOL. ON 2 PLACE DECIMALS ± .02

MATL. SAE 1010-1020

HEAT TREAT AND HARDNESS

SURFACE TREAT. NOTED | INSPECTION

APPROVALS		DATE
DRAWN	R.S. HARPER	JAN 13 '76
CHECKED	BOCK/H.F.B.	FEB 26 '76
CHF. DR.	F.L. Perkins	FEB 27 '76
MET.		
ENGR. 1	GRISWOLD	JAN 16 '76
ENGR. 2		
ENGR. 3	E. REAGAN	FEB 3 '76
FINAL	R. HEALY	FEB 4 '76
REVIEW APPROVAL		

SAE 1010-1020
AMS 2485
LOCAL SPECS. (REF)

DRAWING PRACTICE	
SURFACE TEXTURE	
SCREW THREADS	
GENERAL SPECIFICATIONS	SPEC. SUMMARY

Detroit Diesel Allison
Division of General Motors Corporation
Indianapolis Operations

TITLE
PUSHER-SEAL INSTALLATION, POWER TAKE OFF

MODEL (FIRST USAGE)

APPLICATION: SEE SEPARATE PARTS LIST

SIZE	CODE IDENT.	DWG. No.
C	73342	6893505

SCALE 2/1 | SHEET

6893505

FORM 852C (REV. 8-72)